

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Masatsuga HIRAYAMA  
Title: IMAGE PROCESSING  
APPARATUS AND IMAGE  
FORMING APPARATUS  
Appl. No.: Unassigned  
Filing Date: 08/07/2001  
Examiner: Unassigned  
Art Unit: Unassigned



**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231

Sir:

Submitted herewith on Form PTO-1449 is a listing of a document known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed document is being submitted in compliance with 37 CFR §1.97(b), within three (3) months of the filing date of the application.

**RELEVANCE OF EACH DOCUMENT**

Document A1 discloses an image processing device capable of varying the filter coefficient in units of pixel and setting several types of spatial filters in one screen.

An English translation of document A1 is not readily available; however, the absence of such translation does not relieve the PTO from its duty to consider the submitted document (37 C.F.R. § 1.98 and M.P.E.P. § 609). An English language abstract is provided for document A1.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Respectfully submitted,

Date 8/7/01

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Form PTO-1449  
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PATENT AND TRADEMARK OFFICE

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**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

APPLICANT

Masatsuga HIRAYAMA

FILING DATE

08/07/2001

GROUP ART UNIT

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08/07/01  
09/922733  
U.S. P.O.**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
	A1	6-38041	02/94	Japan				Abst.

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


**EXAMINER****DATE CONSIDERED**

\* **EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.